Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: The following diesel or incomplete medium-duty vehicles (MDV) with a manufacturer's GVWR from 8501 to 14000 pounds are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

					EN	GINE DESCRIPTION					r
	ENGIN			NGINE	EMISSION	FUEL TYPE	STANDARDS & TEST PROCEDURE		ENGINE SIZES	ECS & SPECIAL FEATURES 3 DDI, TC, CAC, ECM, EGR, OC,	OBD(P
MODEL YEAR	8GMXH06.6590		MANL	IFACTURER	STD CATEGORY 2	Diesel			(L)		
		IVE ORD	ER GENER	RAL MOTORS	S ULEV	Diago	Diesel		6.6	PTOX	J.J.J.,
2008		06-1498				VE	HICLE	rion			
			FUEL TANK CAPACITY	VEHICLE	VEHICLE MAKE & MODELS			VEH. OBD	ENGINE (L)	ENGINE MODELS / CODES (rated power, in hp)	ENG OBC
FAMILY		UL (K)	(gallons)	YEAR	CK20; Chevrolet Ch	K25 Silverado; GMC CK25		OBD(P)	6.6	LMM / 1 (365)	OBD(I
*		•		2008	OK20, Chaurolet CK	Sierra 35 Silverado / HD Silverado		OBD(P)	6.6	LMM / 6 (250)	ОВД(
•	•	•	•	2008	Cab Chassis; GMC C	b Chassis; GMC CK35 Sierra / HD Sierra Cab Chassis  Title 13. California Code of Regulations, Section xyz			1		n 86.abc;

\*=not applicable; GVWR=gross vehicle weight rating; 13 CCR xyz=Title 13, California Code of Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section 66.abc; (2006dec22)

L=itler; hp=horsepower; kw=kilowatt; EF=engine family;

CNG/LNG=compressed/liquefied natural pas; LPG=liquefied petroleum gas; E85=85% ethanol fuel; MF=multi fuel a.k.a BF=bi fuel; DF=dual fuel; FF=flexible fuel;

Following are: 1) the FTP exhaust emission standards or family emission limit(s) as applicable under 13 CCR 1956.8; 2) the EURO and NTE limits under the applicable California exhaust emission standards and test procedures for heavyduty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, in g/bhp-hr, for this engine family. "Diesel" CO, EURO and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For dual- and flexible-fuel, the CERT values in brackets [] are those when tested on conventional test fuel.)

nose when too too							CO		PM		нсно		
	NMHC		NOx		NMHC+NOx				FTP	EURO	FTP	EURO	
,		EURO	FTP	EURO	FTP	EURO	FTP	EURO	FIF			0.050	
	FTP					•	14.4	14.4	0.01	0.01	0.050	0.030	
TD	0.14	0.14				<del>                                     </del>	*	+	•		•	·	
EL	*	•	1.30	1.30	1.3	1.3		<del>                                     </del>	0.000	0.000	0.005	0.002	
	0.03	0.001	1.24	1.19	1.2	1.2	0.7	0.1			0.075		
ERT	0.03   0.007					2,0		18.0		0.02			
TE			1.95		2,0		Division State Contact NO		CE-Not-to-Evened emission limit		t; STD=standard or emission test		

g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; EURO=Euro III European Steady-State Cycle; NTE=Not-to-Exceed emission limit; STD=standard or emission test cap; FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter; HCHO=formaldehyde;

BE IT FURTHER RESOLVED: Certification to the FEL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: The listed engine models have been certified to the optional emission standards and test procedures in 13 CCR 1956.8 applicable to diesel or incomplete MDV with a 8501-14000 pound GVWR and shall be subject to 13 CCR 2139(c) (in-use testing of engines certified for use in diesel or incomplete MDV with a 8501-14000 pound GVWR).

BE IT FURTHER RESOLVED: The listed engine models have been certified to the split engine family standards under 13 CCR 1956.8(b) [diesel engines] or 13 CCR 1956.8(d) [OTTO engines] and the incorporated 40CFR 86.007-15(m)(9).

BE IT FURTHER RESOLVED: For the listed vehicle models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1968.2 (on-board diagnostic, full or partial compliance), 13 CCR 1976(b)(1)(B)-(C) or 13 CCR 1976(b)(1)(F) {evaporative emission standards}, 13 CCR 2035 et seq. (emission control warranty), and 13 CCR 2235 [fill pipes and openings of motor vehicle fuel tanks]. (The braces {} are for gasoline, LPG or alcohol fueled vehicles only. The brackets [] are for gasoline or alcohol fueled vehicles only.)

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations. The Bureau of Automotive Repair will be notified by copy of this Executive Order.

/5-2 day of June 2007. Executed at El Monte, California on this \_\_\_\_

> Replace Susnews Annette Hebert, Chief Mobile Source Operations Division

SULEY / ULEY / LEY=super ultra / ultra / low emission vehicle;

ECS=emission control system; TWC/OC=three-way/oxidizing catalyst; WU (prefix) =warm-up catalyst; DPF=diesel particulate filter; PTOX=periodic trap oxidizer; HO2S/O2S=heated/oxygen
sensor; HAFS/AFS=heated/air-fuel-ratio sensor (a.k.a., universal or linear oxygen sensor); TBI=throttle body fuel injection; SF/MFI=sequential/multi port fuel injection; DGI=direct gasoline injection;
GCARB=paseous carburetor; DIDD=indirect/direct diesel injection; TC/SC=turbo/super charger; CAC=charge air cooler; EGR=exhaust gas recirculation; PAIR/AIR=pulsed/secondary air injection;
SFN=smoke puff limiter; OBD(F) / (P) / (S)=full / partial / partial with a fine / on-board diagnostic; ECM/PCM=engine/powertrain control module; EM=engine modification; 2 (prefix)=parallel; (2)
(suffix)=in senes;